

# Firefighter SCBA Evaluations

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### Firefighter SCBA Evaluation Objective:

To determine the conformance of SCBA involved in firefighter injuries or fatalities to the NIOSH approval requirements found in Title 42, Code of Federal Regulations, Part 84 **42 CFR Part 84.34**

### Purpose

*To evaluate SCBA performance in support of the investigation of firefighter injuries or fatalities involving approved SCBA, provide findings to accident investigators, and to inform the approval program.*

### Report Distribution

- Fire department/requestor
- Respirator manufacturer
- *Certified Product Investigation Process*

### Covered tests

**NIOSH approval standards: 42 CFR part 84**

- General Inspection
- Standard Performance Test Procedures
- Breathing Gas Analysis from SCBA Cylinder
- *Personal Alert Safety System (PASS) not tested against NFPA 1982 Standard requirements*

### Metrics

- 78 evaluations since 1998
- 3 evaluations in FY2010
- 2 currently open (2/17/2011)

### Stakeholders

- Respirator Users
- Enforcement Agencies
- Emergency Responders
- International Association of Fire Fighters
- National Fire Protection Association
- Safety Equipment Institute
- Respirator Manufacturers
- Other firefighting users

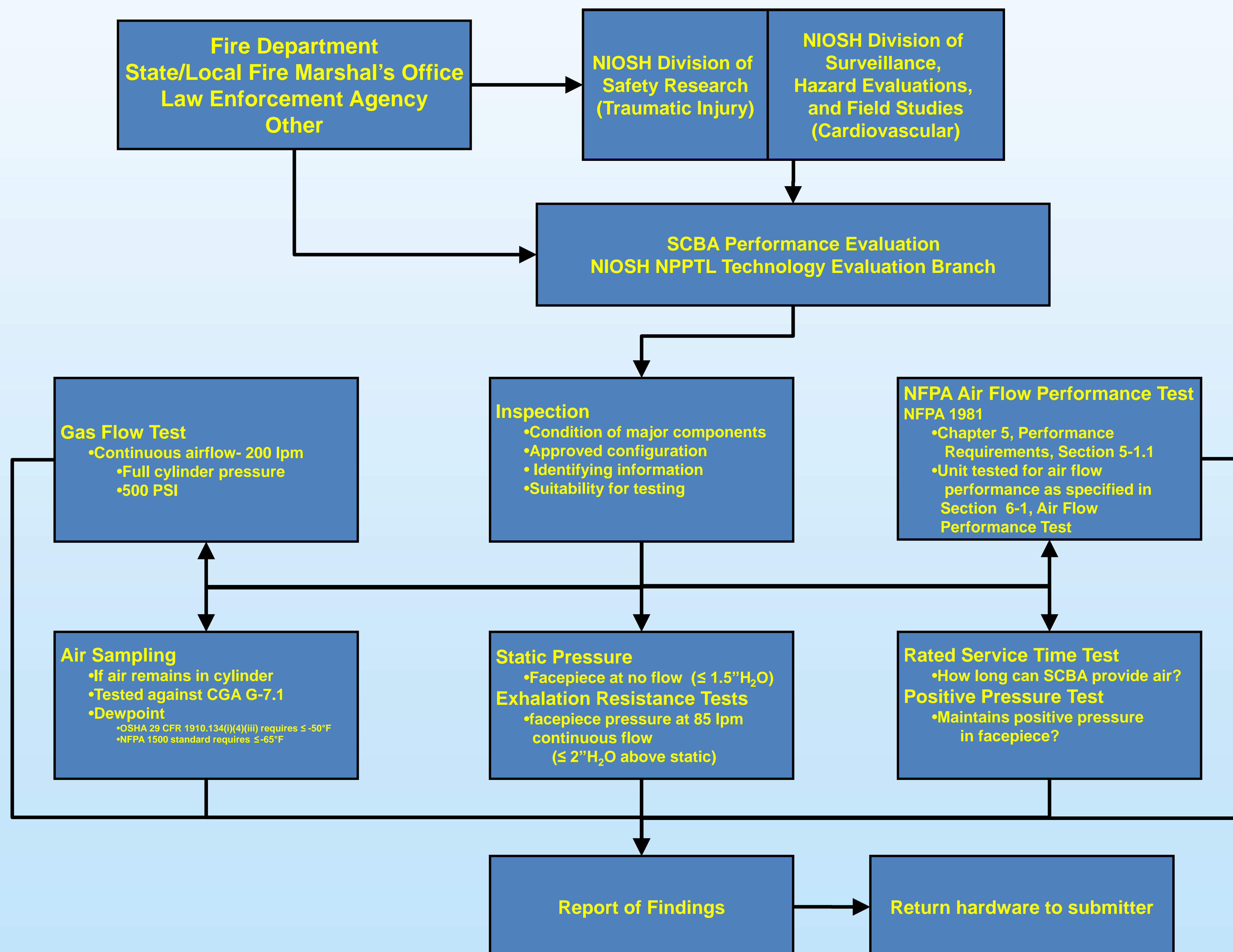
### Key Partners

- National Fire Protection Association
- International Association of Fire Fighters
- Safety Equipment Institute
- Mine Safety and Health Administration
- Division of Safety Research (NIOSH)
- Division of Surveillance, Hazard Evaluations, and Field Studies (NIOSH)
- Occupational Safety and Health Administration

### Outcome

Information used for the reduction of firefighter injuries and fatalities

## Overview of Firefighter SCBA Evaluation Process



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